

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: JAMES CHEN
Serial No.: 10/091,144
Filed: March 4, 2002

For: *NOVEL USES OF
PHOTOLUMINESCENT
NANOPARTICLES FOR
PHOTODYNAMIC THERAPY*

Confirmation No.: 7692
Art Unit: 1615
Examiner: Unassigned

I hereby certify that this paper and the attached papers are being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Commissioner for Patents
U.S. Patent and Trademark office
P.O. Box 2327
Arlington, VA 22202, on this date.

05/01/02
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Lynn Morkunas

TECH CENTER 1600/2900

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PRELIMINARY AMENDMENT

Commissioner for Patents
U.S. Patent and Trademark office
P.O. Box 2327
Arlington, VA 22202


Dear Sir:

Preliminary to examination of the above-captioned patent application, please amend the application as follows:

IN THE SPECIFICATION:

Please amend the specification as follows (a marked-up copy of the amended specification is attached to this Amendment):

Please replace the paragraph on page 1, lines 17-28, with the following paragraph:

 PDT is a form of energy-activated therapy for destroying abnormal or diseased tissue. The procedure for this treatment includes administration of a photosensitive compound (a PDT drug) to a patient, followed by illumination with light having a wavelength or waveband corresponding to a characteristic absorption wavelength of the photosensitive compound. Upon illumination, the photosensitive compound absorbs photons from the light source and transfers this energy to surrounding oxygen molecules. This in turn induces formation of singlet oxygen and other highly-reactive free radical species, leading to a